

RAW SEQUENCE LISTING

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Application Serial Number: 10/538,636
Source: PCT
Date Processed by STIC: 06-21-2005

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PCT

RAW SEQUENCE LISTING

DATE: 06/21/2005

PATENT APPLICATION: US/10/538,636

TIME: 13:51:01

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Output Set: N:\CRF4\06172005\J538636.raw

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3 <110> APPLICANT: Nichirei Corporation
5 <120> TITLE OF INVENTION: Primers and probes for detection of vibrio cholera or vibrio
mimicus and
6     method of using thereof
9 <130> FILE REFERENCE: PH-1967-PCT
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/538,636
C--> 12 <141> CURRENT FILING DATE: 2005-06-10
14 <150> PRIOR APPLICATION NUMBER: JP 2002/362878
15 <151> PRIOR FILING DATE: 2002-12-13
17 <160> NUMBER OF SEQ ID NOS: 6
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 885
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence of
vibrio cholera
27     and vibrio mimicus -gyrB
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32 caagcacccgt tgkctgtrgt rgggtgakacw gagcgtagcg gtactaccgt acgtttcttg 180
33 ccwagygcac aracytttac caatatcgaa ttycattacg acattytggc taaacgyctg 240
34 cgtgagctgt cattcctgaa ytctggcgtg tccatcaagc tgaysgatga rcgtgaagaa 300
35 gataaraaag accacttyat gtatgaaggk ggtattcaag cgtttgtkac ccacttgaac 360
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41 cctaaattct cragccaaac caaagataag ctrgtttctt cggargtraa atccgcrgtt 720
42 gartcagcya tgaatgagaa gctggcrgat ttcctrgcgg aaaacccaag cgaagcgaaa 780
43 aacgtttgtt cgaagattat tgatgcrgcr cghgckcgtg aagcvgcgcg taaagcmcgk 840
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48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence of
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53     and vibrio mimicus -rpoD
55 <400> SEQUENCE: 2

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60 gaaaccgaag cgccaacygc kactcacatc gggttcwgarc tytctgaagc sgatctcgck 240
61 gatgaagatg aygmkgtcgy sgargatgaa gacgargatg aagaygaaga yggcgacggg 300
62 gaaagyagcg acagcgaaga agaagtsggg atygaccctg arctsgctcg tgagaaattc 360
63 aatgaactgc gcggyaagtt ccaaaacctg caattagcgg ttaatgaatt tggctcgtgac 420
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66 acccaagarc gyttggtrat gaaagcvgtr gttgaagtcg cgaaratgcc raagaaatcr 600
67 ttyatygcyc trtttacagg caatgaatcg aatgargart ggctbgataa agtvctygct 660
68 tctgayaarc cttaygtasm raaagtmcgt gagcaagaag amgakatygc ccgytcaaty 720
69 caraaactdc aratgatcga rcargagacw tcactgtctg ttgarcgyat caaagacatc 780
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75 <213> ORGANISM: Artificial Sequence

77 <220> FEATURE:

78 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence vibrio cholera-gyrB

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84 caggcmgaag arctacgtct sactgayctg atttcwgggt tcgttgaycc taacgacatg 180
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87 gaaagyagcg acagcgaaga agaagtsggg atygaccctg arctsgctcg tgagaaattc 360
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89 agtmaycaag cwtctgaagc ktcarreytr gtrytggata tyttccgyga attccgycta 480
90 acaccaaarc aattygacca yttgggttgaa actctgcgya cytcratgga tcgtgttcgy 540
91 acccaagarc gyttggtrat gaaagcvgtr gttgaagtcg cgaaratgcc raagaaatcr 600
92 ttyatygcyc trtttacagg caatgaatcg aatgargart ggctbgataa agtvctygct 660
93 tctgayaarc cttaygtasm raaagtmcgt gagcaagaag amgakatygc ccgytcaaty 720
94 caraaactdc aratgatcga rcargagacw tcactgtctg ttgarcgyat caaagacatc 780
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98 <211> LENGTH: 822

99 <212> TYPE: DNA

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104 rpoD

106 <400> SEQUENCE: 4

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109 caggccgaag agctacgtct cactgacctg atttcagggt tcgttgaycc taacgacatg 180
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111 gatgaagatg atgctgtcgt cgaagatgaa gacgaagatg aagacgaaga tggcgacggg 300
112 gaaagcagcg acagcgaaga agaagtcggg atcgaccctg aactggctcg tgagaaattc 360
113 aatgaactgc gcggyaagtt ccaaaacctg caattagcgg ttaatgaatt tggctcgtgac 420
114 agtcatcaag cttctgaagc gtcagactta gtgytggata tcttccgtga attccgycta 480

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117 ttcacgcccc tatttacagg caatgaatcg aatgaagagt ggctggataa agtccttgct 660
118 tctgacaagc cttacgtagc gaaagtcggt gagcaagaag aagagatccg ccgttcaatt 720
119 cagaaactac aaatgatcga gcaagagaca tcaactgtctg ttgaacgcat caaagacatc 780
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124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence of
vibrio mimicus -
129     gyrB
131 <400> SEQUENCE: 5
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155     rpoD
157 <400> SEQUENCE: 6
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168 tttattgcyc trtttacagg caatgaatcg aatgargaat ggctygataa agtrctcgct 660
169 tctgataarc cttatgtaca aaaagtacgt gagcaagaag acgatattcg ccgctcaatc 720

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171 agccgtcgta tgtctatcgg tgaagcgaaa gctcgccgtg cg 822

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/538,636

DATE: 06/21/2005
TIME: 13:51:02

Input Set : A:\pto.da.TXT
Output Set: N:\CRF4\06172005\J538636.raw

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The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:4; Line(s) 103
Seq#:5; Line(s) 128
Seq#:6; Line(s) 154

VERIFICATION SUMMARY

DATE: 06/21/2005

PATENT APPLICATION: US/10/538,636

TIME: 13:51:02

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Output Set: N:\CRF4\06172005\J538636.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date